

**Table 1.** Insect activity summary for the Allegheny National Forest 1964-2003.

					SOURCE			
				BONSTEDT <sup>1</sup>	GIS DATA		GIS DATA	GIS DATA
	PEST				FEDERAL SURVEY <sup>2</sup>		STATE SURVEY <sup>2</sup>	TREATMENT
YEAR	FAMILY	SPECIES	COMMON NAME		USFS LAND	NON-USFS LAND	USFS LAND	NON-USFS LAND
1964	Tortricidae	<i>Croesia semipurpurana</i>	Oak leaftier				263	91
-	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm	780				
1965	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm	50,000			10,041	7,389
1966	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm	160,000			6,492	350
-			Larch Sawfly	64			30	0
-			Oak leafroller, tier	?				
1967	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm	60,000				
-	Geometridae		Linden looper	?				
1968								
1969								
1970	Saturniidae	<i>Dryocampa rubicunda</i>	Greenstriped mapleworm	?				
-			Larch Sawfly	55				
-			Maple trumpet skeletonizer	?				
1971			Oak Leafroller				273	0
-			Cherry fruit fly	?				
-			Cherry scallop shell moth	?				
-	Notodontidae		Saddled prominent				3,279	1,748
-	Arctiidae		Fall webworm	?				
-	Saturniidae	<i>Dryocampa rubicunda</i>	Greenstriped mapleworm	?				
-			Maple trumpet skeletonizer	?				
1972	Geometridae	<i>Hydria prunivora</i>	Cherry Scallop Shell Moth	?			120,258	36,622
-	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm				2,618	50
-	Saturniidae	<i>Dryocampa rubicunda</i>	Greenstriped mapleworm	?			2,176	1,422
-	Tortricidae		Oak Leaftier	?			14,797	216
1973	Geometridae	<i>Hydria prunivora</i>	Cherry Scallop Shell Moth	?			71,498	21,711
-			Aspen leaf beetle	150				
-			Cambium miner (black cherry)	?				

-	Saturniidae	<i>Dryocampa rubicunda</i>	Greenstriped mapleworm	?					
1974	Geometridae	<i>Hydria prunivora</i>	Cherry Scallop Shell Moth	?			47,655	18,025	
-	Saturniidae	<i>Dryocampa rubicunda</i>	Greenstriped mapleworm				4,813	1,858	
-	Geometridae		Linden looper				7,062	867	
-			Oak leafroller				8,149	10,779	
-			Pine brown				3,467	1,609	
-			Pi barkwood borer				0	28	
-	Arctiidae		Fall webworm	?					
-	Geometridae		Hemlock looper	?					
1975	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm				56,157	5,589	
-			Fall cankerworm, linden looper	67,000			11,737	8,039	
-			Cherry scallop shell moth	?					
-			Oak leaf roller, tier	60,000					
1976	Geometridae	<i>Alsophila pometaria</i>	Fall cankerworm	178,000			106,948	34,040	
-			Oak leafroller				40	562	
-			unknown				16,377	9,042	
1977			Mortality (sugar maple)	2,400					
-			Linden looper	?					
-			Mortality (oak)	12,000					
1978									
1979		<i>Pseudexenera cressoniana</i>					8,082	5,935	
			Unknown				6,123	2,247	
1980			Fall cankerworm				86	0	
1980	Lasiocampidae		Forest tent caterpillar				604	357	
-	Lymantridae	<i>Lymantria dispar</i>	Gypsy moth	0			9,278	5,243	
1981			Oak leafroller				11,773	11,281	
1982			Basswood Anthracnosis				679	0	
-			Cherry scallop shell moth	6,187			127	1,486	
-			Oak leafroller, tier	21,040			9,487	4,240	
-			Thrips				33,574	16,431	
-			Unknown				401	261	
1983			Cherry scallop shell moth	27,450			29,442	9,182	
-			Gypsy moth				839	227	
-			Oak leafroller				18,066	13,688	
1984			Gypsy moth	2,024	1,455	1,055	1,318	584	

-			Maple decline			0	134	
-			Storm Damage			54,150	13,250	
-			Cherry scallop shell moth	51,104				
1985			Gypsy moth	9,642	7,425	2,833		
-			Unknown			100,134	34,668	
-			Beech bark disease	17,780				
1986			Gypsy moth		58,820	17,147	99,954	34,551
-			Fall cankerworm			179	118	
1987			Gypsy moth		63,608	52,238	94,821	65,465
1988			Gypsy moth		3,708	643	12,074	6,435
-			Gypsy moth, thrips			4,504	1,558	
-			Thrips			9	0	
1989			Gypsy moth		363	659	2,133	4,994
-			Thrips			736	1,089	
1990			Gypsy moth			3,888	1,374	
-			Thrips			5,212	2,084	
-			Beech bark disease, thrips			220	64	
1991			Gypsy moth		2,693	602	2,270	1,118
-			Elm spanworm			10,900	2,240	
1992			Gypsy moth		33,129	15,732	15,221	5,660
			Cherry scallop shell moth			910	326	
			Elm spanworm, frost		35,538	9,447	37,040	15,266
			Unknown		8,113	3,339		
1993			Mortality		2,404	7		
-			Gypsy moth		1,989	58	898	315
-			Forest tent caterpillar		2,998	1,485	1,306	15
-			Elm spanworm		258,842	83,162	80,069	19,111
-			Fall cankerworm			284	741	
-			Cherry scallop shell moth		3,850	675	653	9
-			Thrips			93	147	
-			Tornado			1,421	651	
-			Gypsy moth, Elm spanworm			551	0	
1994			Cherry scallop shell moth		44,301	10,030	62,095	20,839
-			Elm spanworm			4,378	1,197	
-			Forest tent caterpillar		10,425	9,761	32,368	14,219

-			Elm spanworm, Forest tent caterpillar				1,143	1	
-			Beech bark disease				567	112	
-			Pine budworm	3,129	667				
1995			Cherry scallop shell moth	219,938	74,447	4,943	2,161		
-			Mortality	281	0				
1996			Cherry scallop shell moth	11,591	4,045	10,324	4,676		
-			Mortality	1,146	36				
1997			Half-wing geometer	1,334	23				
-			Oak leaffier				1,522	158	
1998									
1999			Gypsy moth				321	847	
-			Mites, leafminers				3,619	2,844	
2000			Beech bark disease	2,117	309				
-			Complex???	491	14				
-			Unknown	164	1,333				
2001			Beech bark disease	149	10				
-			Complex ???	27	13				
-			Unknown	102	0				
2002			Beech bark disease	4,634	790				
-			Unknown	22	0				
2003			Anthracnose	33,438	8,929				
-			Beech bark disease	41,183	10,645				
-			Flood	198	0				
-			Gypsy moth	466	46				
-			Unknown	1,910	392				
-			Wind	8,196	4,807				

<sup>1</sup> Source: Bonstedt, S. M. 1985. A twenty-year history of forest insect and disease management on the Allegheny National Forest, Pennsylvania, 1965-1985. USDA Forest Service, Forest Pest Management, Morgantown, WV. 59 p. <sup>2</sup> Morgantown, Forest Health Protection, GIS database